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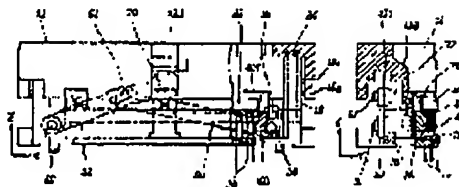
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(54) SOCKET

(57)Abstract:

PURPOSE: To provide a socket having a suitable structure to be connected electrically to a spherical lead terminal of an IC package.

CONSTITUTION: When a cover 12 is pushed down, a latch 70 retreats backward, a slider plate 40 slides toward the positive side of x-direction through levers 52, 50 and a movable shafts 58, and both arms of respective contacts 30 are opened. Respective lead terminals (solder balls) 32a of respective BGA packages 32 are inserted between both arms of respective contacts 30 in idle state. When a cover 12 rises to the upper limit position, the slider plate 40 slides in the reverse direction due to spring force of a compression coil spring and returns near to an original position and both arms of respective contacts 30 close enough to sandwich respective lead terminals 32a from both sides and thus electric connection due to pressing contact between respective contacts 30 and respective lead terminals 32a can be obtained.



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